

Fig. 1

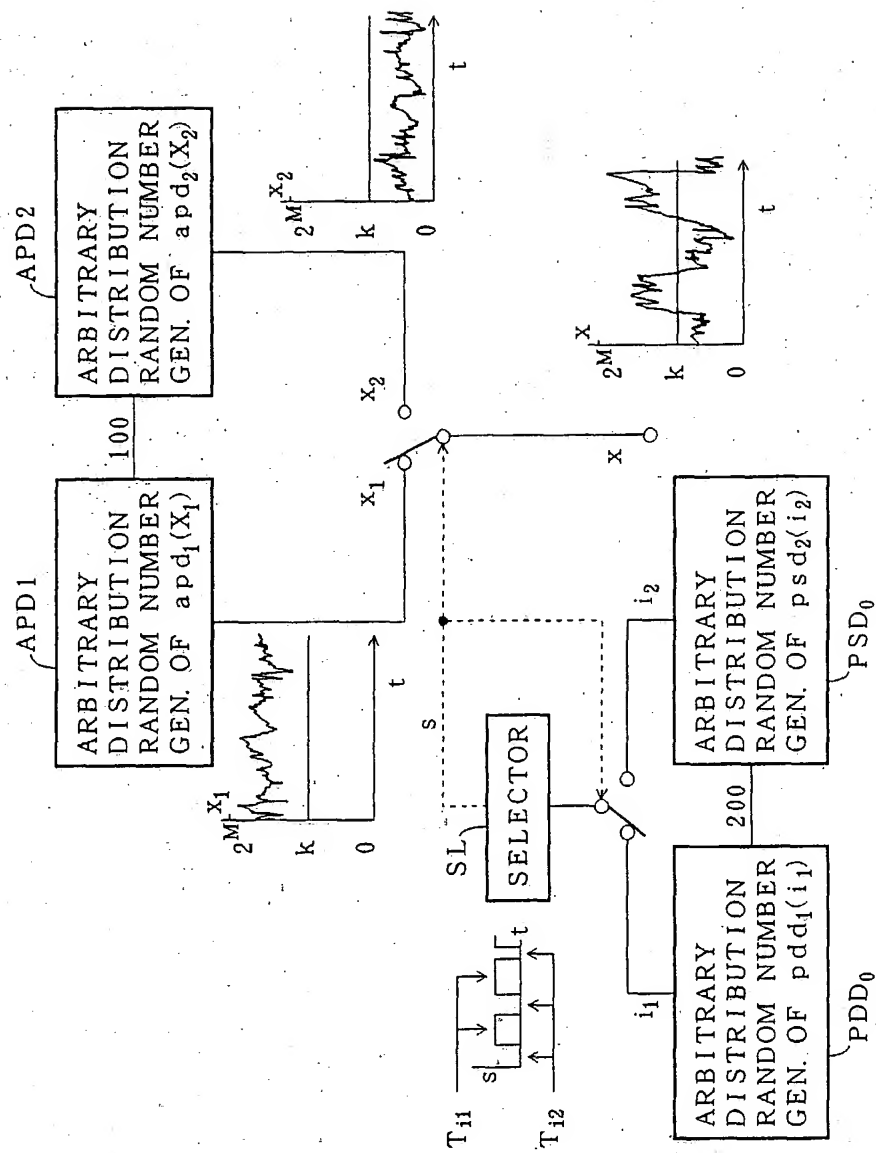


Fig. 2

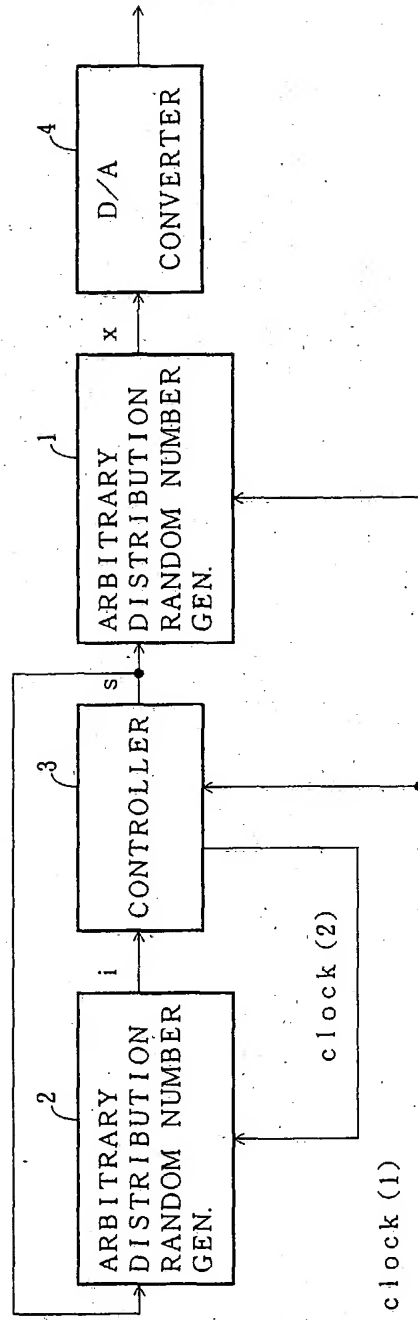


Fig. 3

ARBITRARY DISTRIBUTION
RANDOM NUMBER GENERATOR 1

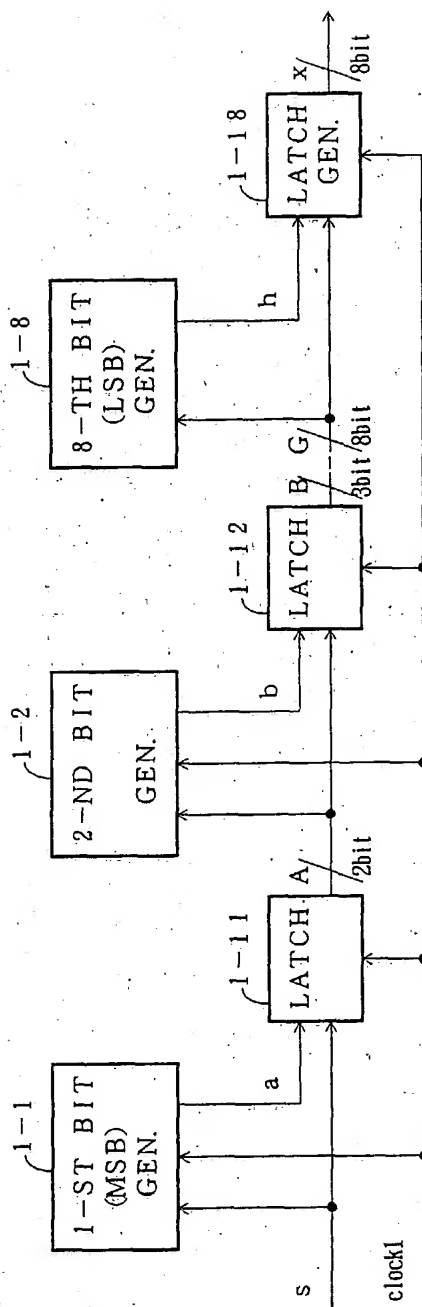


Fig. 4

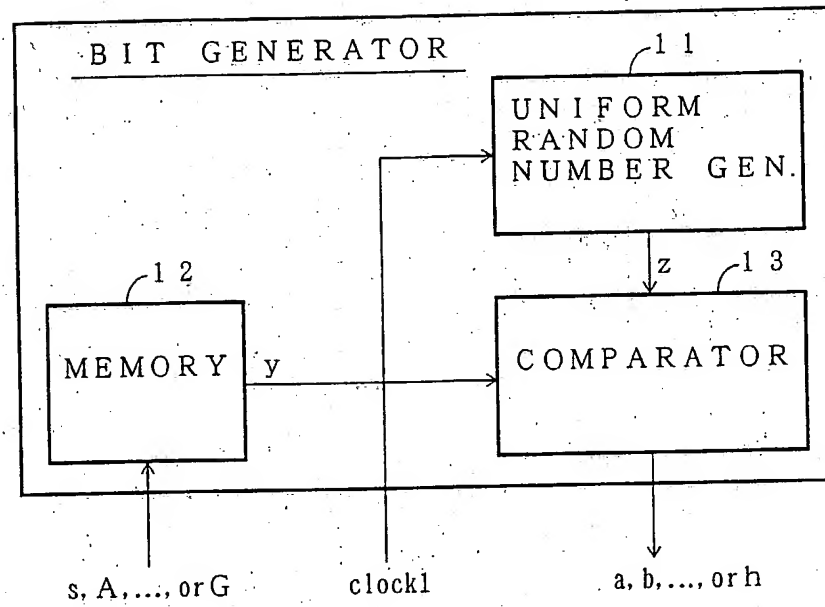


Fig. 5

MEMORY OF 1-BIT GEN.		MEMORY OF 2-ND GEN.				MEMORY OF 8-TH GEN.	
ADDRESS	DATA y	ADDRESS	DATA y			ADDRESS	DATA y
S	pc	S, a	pc			S, a, b, h	pc
0	pc ₂ (1, 0)	0, 0	pc ₂ (2, 0)			0, 0, ..., 0	pc ₂ (8, 0)
1	pc ₁ (1, 0)	0, 1	pc ₂ (2, 1)			0, 0, ..., 1	pc ₂ (8, 1)
		1, 0	pc ₁ (2, 0)	:	:
		1, 1	pc ₁ (2, 1)			:	:
						0, 1, ..., 1	pc ₂ (8, 127)
						1, 0, ..., 0	pc ₁ (8, 0)
						:	:
						:	:
						1, 1, ..., 0	pc ₁ (8, 126)
						1, 1, ..., 1	pc ₁ (8, 127)

Fig. 6

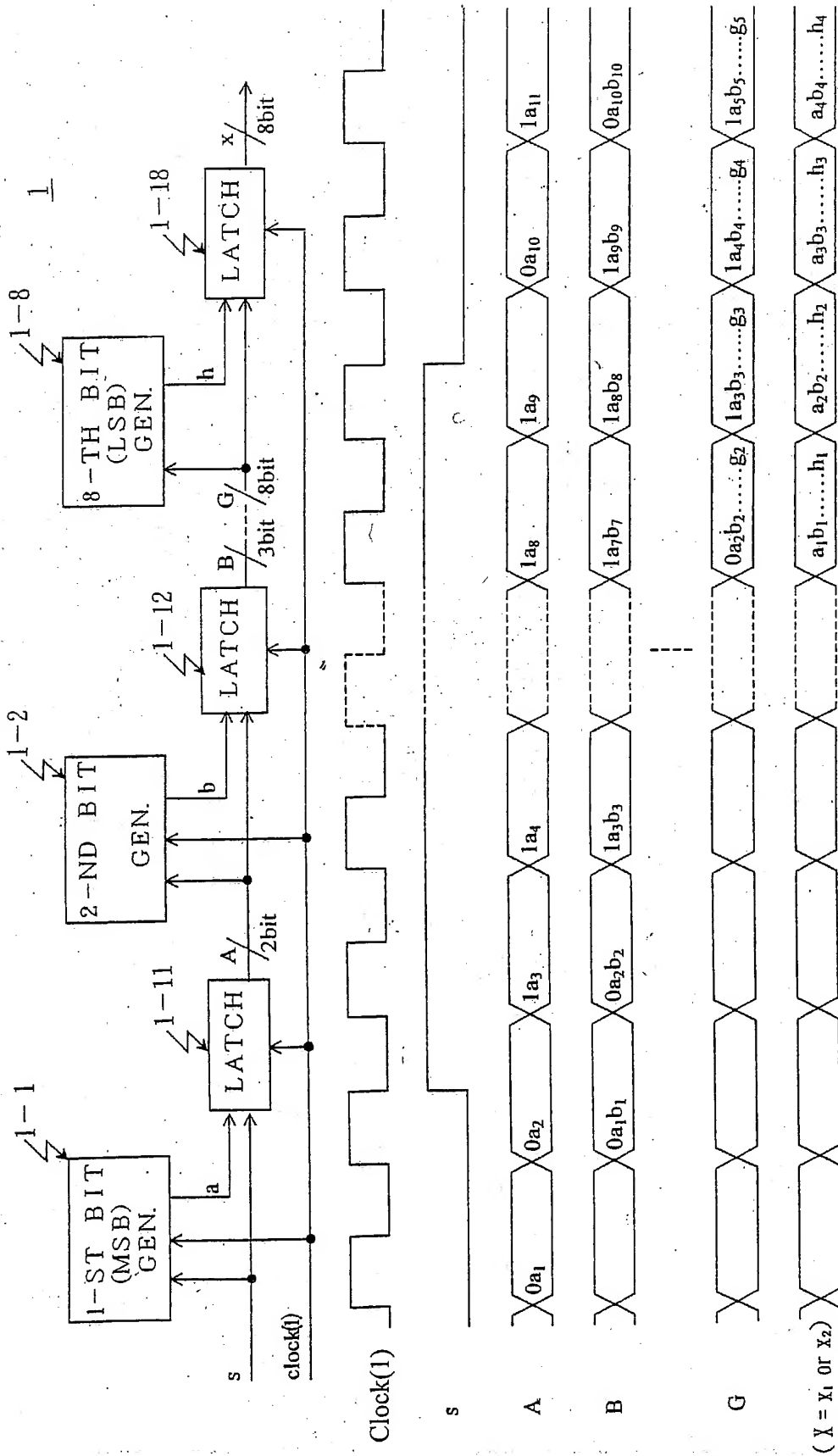


Fig. 7

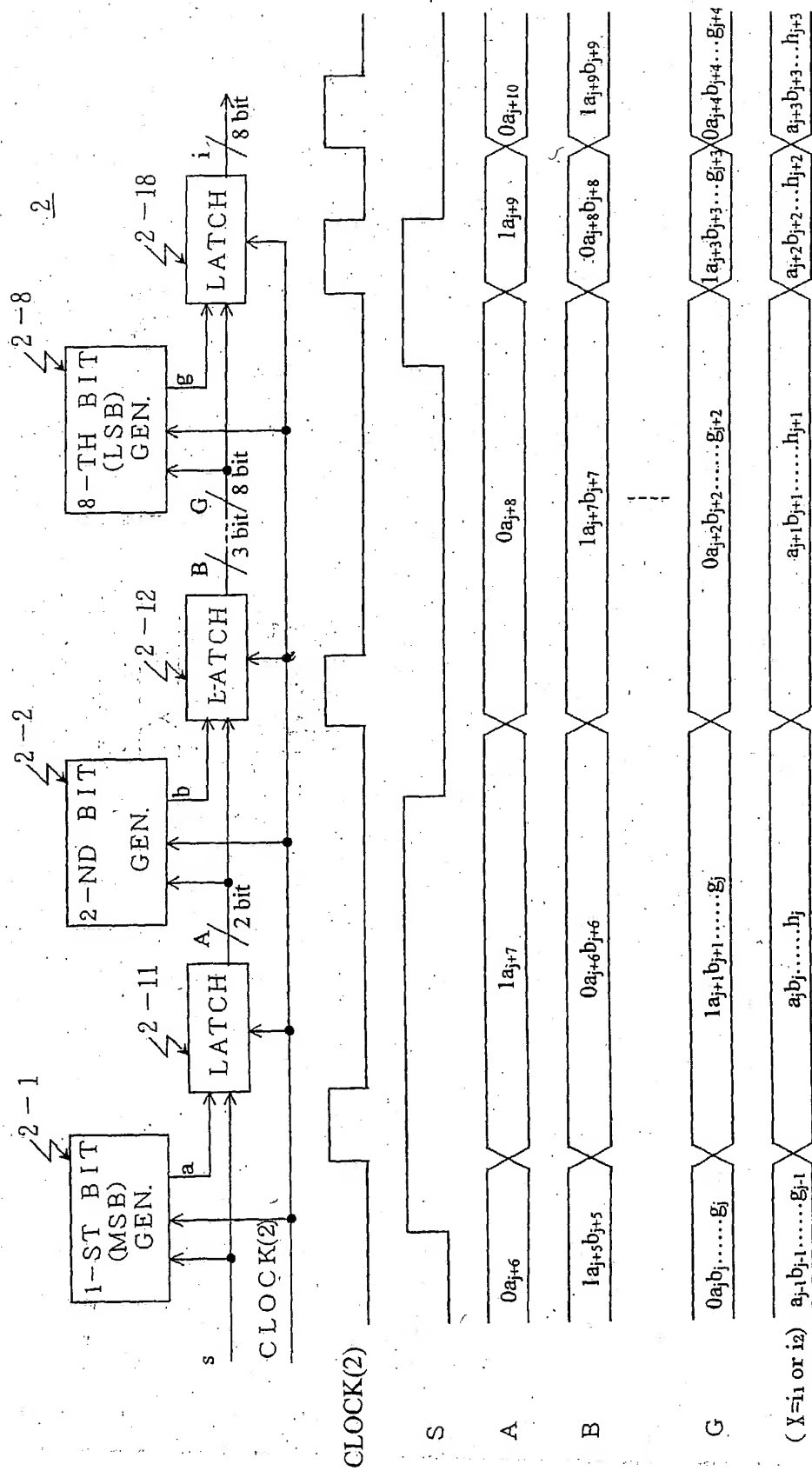


Fig. 8

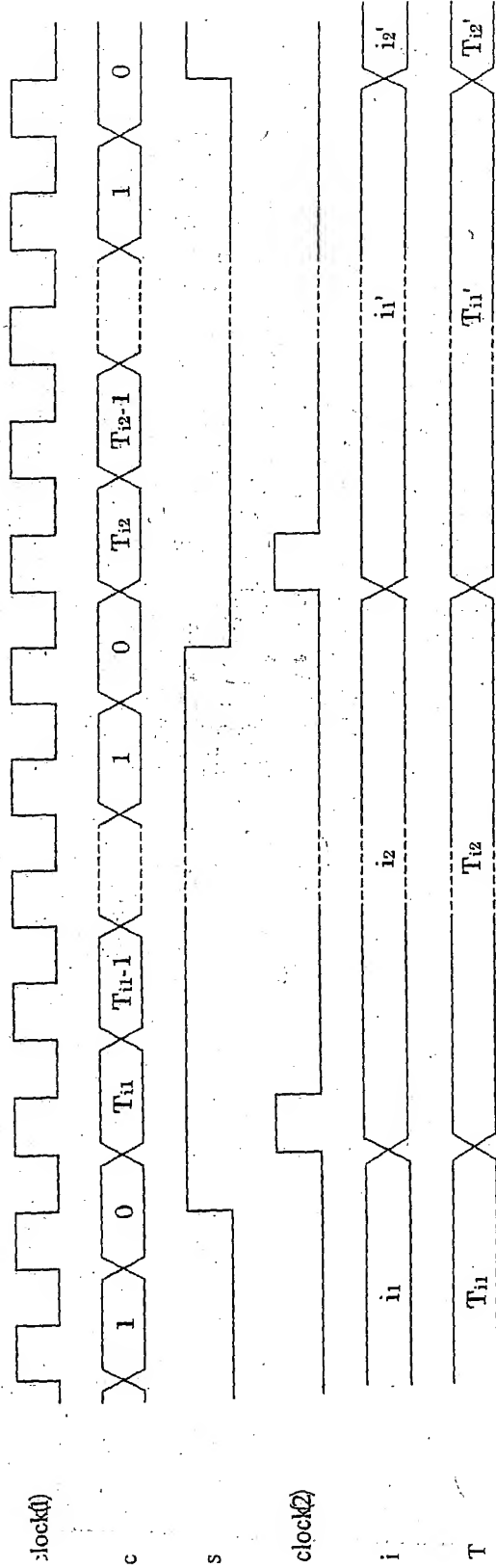
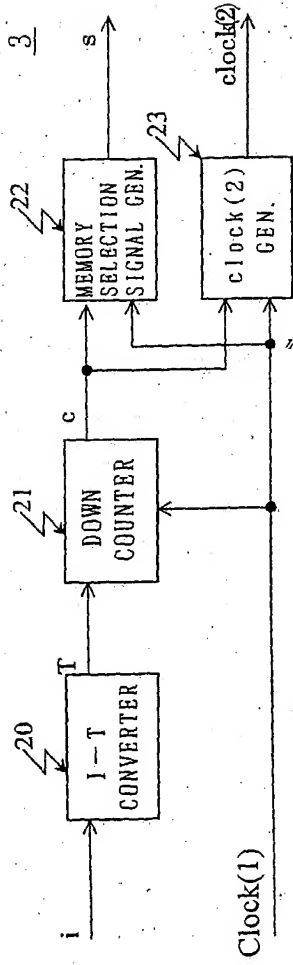
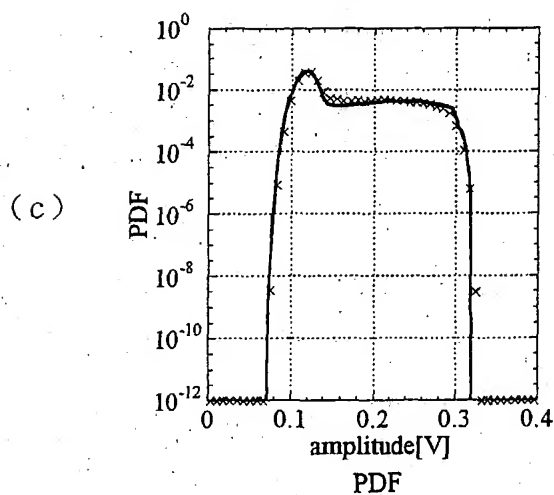
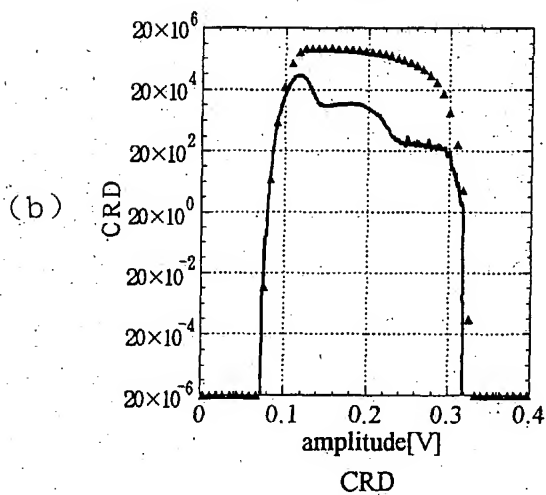
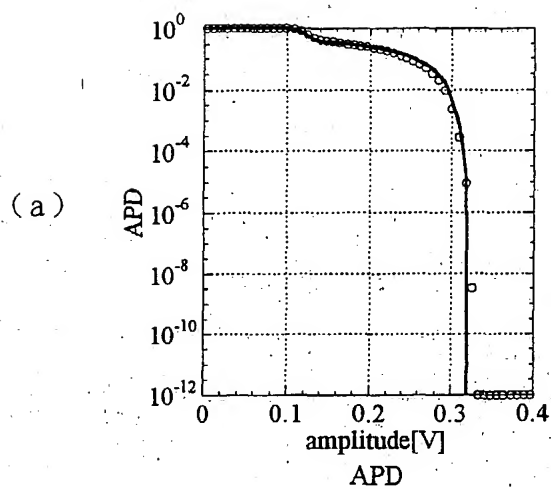
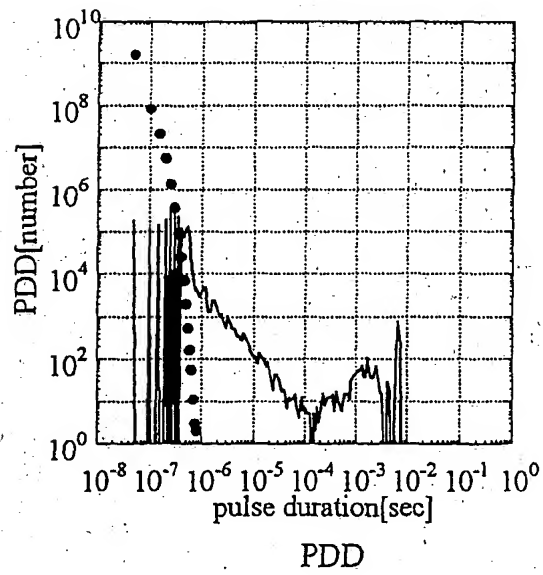


Fig. 9

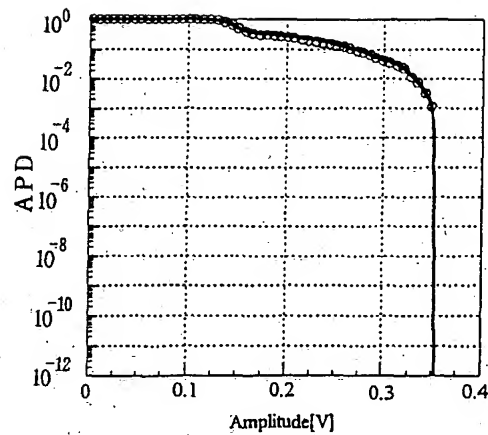


F i g . 1 0



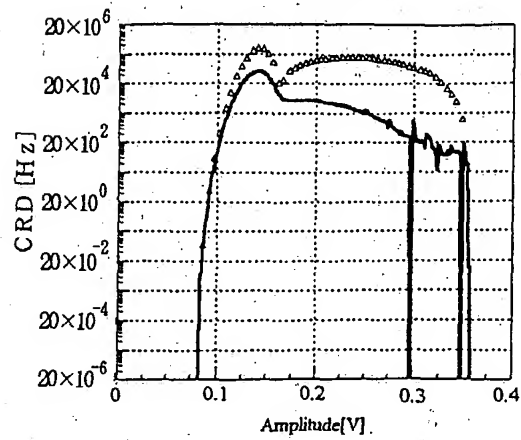
F i g . 1 1

(a)



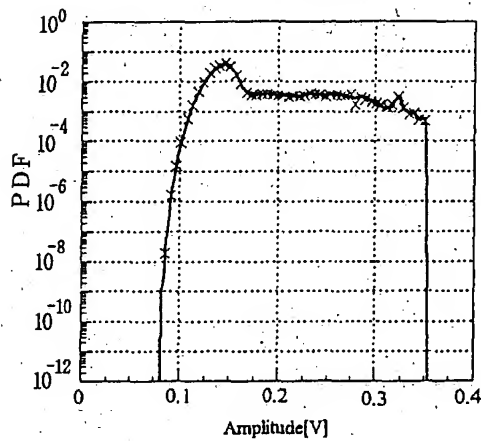
APD

(b)



CRD

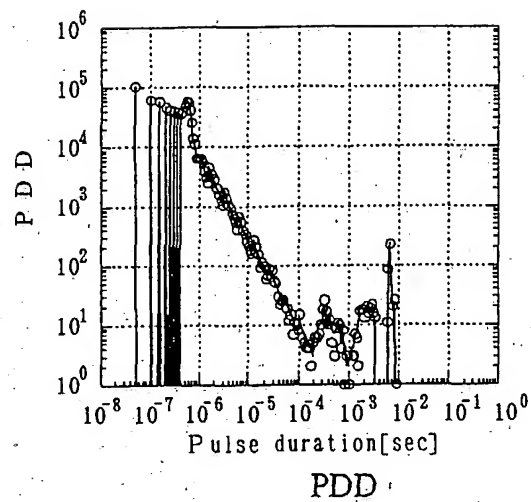
(c)



PDF

Fig. 12

(a)



(b)

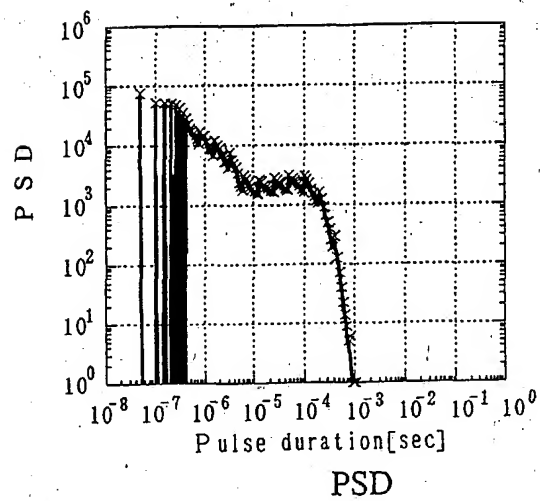


FIG. 13

